



This document includes Appendix A: Adjustment of Cost Estimates to 1999 \$ LSD 41 Representative Vessel Class, of the Draft EPA Report "Surface Vessel Bilgewater/Oil Water Separator Feasibility Impact Analysis Report" published in 2003. The reference number is: EPA-842-D-06-019

DRAFT
Feasibility Impact Analysis Report
Surface Vessel Bilgewater/Oil Water
Separator

Appendix A: Adjustment of Cost Estimates to 1999 \$ LSD 41
Representative Vessel Class

2003

Appendix A – Adjustment of Cost Estimates to 1999 \$

LSD-41 Representative Vessel Class

Cost Estimate Description	Estimate Base-Year	Estimate in Base-Year \$	Price Adjustment Factor¹	Estimate Adjusted to 1999 \$	Estimate (Adj) in Sig.Figs.
Centrifuge Procurement Cost	2000	143,000	.966	138,138	138,000
Centrifuge Installation Cost	2000	151,500	.966	146,349	146,300
Centrifuge Technical Manual Cost	1999	85,000	1.0	85,000	85,000
Centrifuge Technical Drawing Cost	2000	35,000	.966	33,810	33,810
Centrifuge Training Material Cost	2001	10,000	.933	9,330	9,330
Hydrocyclone Procurement Cost	2000	7,900	.966	7,631.4	7,600
Hydrocyclone Installation Cost	2000	103,800	.966	100,270.8	100,300
Hydrocyclone Technical Manual Cost	1999	85,000	1.0	85,000	85,000
Hydrocyclone Technical Drawing Cost	2000	26,000	.966	25,116	25,120
Hydrocyclone Training Material Cost	2001	10,000	.933	9,330	9,330
Filter Media Procurement Cost	1997	15,000	1.045	15,675	15,680
Filter Media Installation Cost	2000	112,400	.966	108,578.4	108,600
Filter Media Technical Manual Cost	1999	85,000	1.0	85,000	85,000
Filter Media Technical	2000	14,000	.966	13,524	13,520

DRAFT

Cost Estimate Description	Estimate Base-Year	Estimate in Base-Year \$	Price Adjustment Factor¹	Estimate Adjusted to 1999 \$	Estimate (Adj) in Sig.Figs.
Drawing Cost					
Filter Media Training Material Cost	2001	10,000	.933	9,330	9,330
Filter Canister Replacement Cost	1997	7,000	1.045	7,315	7,300
UF Membrane Procurement Cost	1999	200,000	1.0	200,000	200,000
UF Membrane Installation Cost	2000	116,000	.966	112,056	112,000
UF Membrane Technical Manual Cost	1999	85,000	1.0	85,000	85,000
UF Membrane Technical Drawing Cost	2000	19,000	.966	18,354	18,350
UF Membrane Training Material Cost	2001	10,000	.933	9,330	9,330

1. Consumer Price Index - All Urban Consumers, not seasonally adjusted, U.S. city average, all items. Data extracted on May 23, 2001 from Bureau of Labor Statistics <<http://stats.bls.gov/cpihome.html>>.